

MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCTS & COMPANY IDENTIFICATION

ExxonMobil Chemical Company,
SHE Department, Films Business
729 Pittsford-Palmyra Road
Macedon, NY 14502

FOR EMERGENCY SOURCE INFORMATION
CHEMTREC: 800-424-9300 or 202-483-7616

For Non-Emergency Product & MSDS
Information: 315-966-1950

SUBSTANCE: Polypropylene film
TRADE NAMES/SYNONYMS: Bicor ® AB-X
CHEMICAL FAMILY: Polypropylene
CAS NUMBER: Not Applicable

CREATED BY: David G. Sarvadi, JD, CIH
CREATION DATE: March 27, 2002

REVISION DATE: April 26, 2002

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTEXPOSURE LIMIT

This product is not hazardous as defined under the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard 29 C.F.R. § 1910.1200 nor is it a controlled product under Canada's Workplace Hazardous Materials Information System.

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

No significant effects expected.

POTENTIAL HEALTH EFFECTS FROM:

INHALATION: During elevated heat processing, irritating fumes may be released.

SKIN CONTACT: None.

EYE CONTACT: None. Eye contact not likely to occur.

INGESTION: None.

ADDITIONAL DATA: This product does not contain natural rubber, natural rubber latex or their derivatives.

CARCINOGEN STATUS:

OSHA: None.

NTP: None.

IARC: None.

SECTION 4 FIRST AID MEASURES

INHALATION: If adversely affected by irritating fumes released in processing, get to fresh air. Get medical attention if necessary.

SKIN CONTACT: Not expected to produce any effects requiring treatment.

EYE CONTACT: Flush with water. If irritation occurs, get medical attention.

INGESTION: Not expected to occur or produce any effect requiring treatment

SECTION 5 FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARD: Film will burn and contribute fuel to fire. May produce toxic and severely irritating fumes and vapors.

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, water spray or regular foam. For larger fires, use water spray, fog or regular foam.

FIREFIGHTING: For fighting fires in buildings and confined spaces, firefighters must use self-contained breathing apparatus. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supplies. Polypropylene film will burn in a fire.

FLASH POINT: None.

FLAMMABILITY CLASS (OSHA): None.

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition products from incomplete combustion (pyrolysis) may include carbon monoxide, carbon dioxide, and nitrogen oxides.

SECTION 6 ACCIDENTAL RELEASE MEASURES

OCCUPATIONAL SPILL: Not applicable. Product is not a liquid or flowable powder.

SECTION 7 HANDLING AND STORAGE

Observe all applicable regulations when storing this substance. Keep in a cool, dry, ventilated area.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS: None applicable.

VENTILATION: Not normally required in handling film. Heat processing (e.g. sealing, thermal cutting) may require local exhaust ventilation to capture fumes and vapors emitted.

EYE PROTECTION: Not normally required. Provide eye protection against irritating gases if ventilation is inadequate in heat processing.

EMERGENCY WASH FACILITIES: Not normally required.

SPECIAL PROTECTIVE CLOTHING: Not normally required.

April 26, 2002

Page 3 of 6

GLOVES: Not normally required. Suitable gloves may be used in heat processing.

RESPIRATOR: Not normally required. Suitable NIOSH approved respirators may be required if irritating gases are produced and local exhaust ventilation is inadequate.

FOR FIREFIGHTING AND OTHER IMMEDIATELY DANGEROUS TO LIFE OR HEALTH CONDITIONS: For firefighting, see section 5. Otherwise, none likely to occur.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

DESCRIPTION: Plastic film.

MOLECULAR WEIGHT: Not applicable.

MOLECULAR FORMULA: Not applicable.

BOILING POINT: Not applicable.

MELTING POINT: 240-340° F

VAPOR PRESSURE: Not applicable.

VAPOR DENSITY: Not applicable.

SPECIFIC GRAVITY: 0.90

WATER SOLUBILITY: Insoluble film.

For further technical information, contact your marketing representative.

SECTION 10 STABILITY AND REACTIVITY

REACTIVITY: Stable under normal temperatures and pressures.

CONDITIONS TO AVOID: No specific conditions.

INCOMPATIBILITIES: None.

HAZARDOUS DECOMPOSITION: Thermal decomposition products from incomplete combustion (pyrolysis) may include carbon monoxide, carbon dioxide, and nitrogen oxides.

POLYMERIZATION: Hazardous polymerization will not occur

SECTION 11 TOXICOLOGY INFORMATION

CARCINOGEN STATUS: None.

TARGET EFFECTS: None.

ADDITIONAL DATA: None.

HEALTH EFFECTS

INHALATION: None from intact product. Thermal decomposition products from incomplete combustion (pyrolysis) may include carbon monoxide, carbon dioxide, and nitrogen oxides.

SKIN CONTACT: None.

EYE CONTACT: None.

INGESTION: None.

SECTION 12 ECOLOGICAL INFORMATION

ACUTE AQUATIC TOXICITY: No data available.
DEGRADABILITY: No data available.
BIOCONCENTRATION FACTOR (BCF): No data available.
OCTANOL/WATER PARTITION COEFFICIENT: No data available.

SECTION 13 DISPOSAL INFORMATION

Observe all appropriate regulations when disposing of this substance.

SECTION 14 TRANSPORTATION INFORMATION

D.O.T. Classification: Not hazardous
UN Number: None

SECTION 15 REGULATORY INFORMATION

US Federal Regulations:

 Clean Air Act:

 ODS: This product neither contains, nor was manufactured with a Class I or Class II ozone depleting substances (ODS). We have relied on our suppliers' labeling of their products in making this determination.

TSCA STATUS: All components are listed on Inventory of Chemical Substances and comply with TSCA.

CERCLA SECTION 103 (40 C.F.R. § 302.4): None.

SARA SECTION 302 (40 C.F.R. § 355.30): None.

SARA SECTION 304 (40 C.F.R. § 355.40): None.

SARA (EPCRA) SECTION 313 (40 C.F.R. § 372.65): None.

OSHA PROCESS SAFETY (29 C.F.R. § 1910.119): None.

SARA HAZARD CATEGORIES, SARA SECTIONS 311/312 (40 C.F.R. § 370.21)

ACUTE HAZARD: None.

CHRONIC HAZARD: None.

FIRE HAZARD: None.

REACTIVITY HAZARD: None.

SUDDEN RELEASE HAZARD: None.

CONEG: Coalition of Northeastern Governors: This product fully complies with all CONEG legislation restricting lead, mercury, cadmium and hexavalent chromium.

April 26, 2002

Page 5 of 6

STATE REPORTING REQUIREMENTS:

California Proposition 65: The California Safe Drinking Water and Toxic Enforcement Act of 1986. This product, as supplied for its intended use, contains no substances present at any level that are, under the Statute, characterized as known to the State of California to cause cancer or to be a reproductive toxicant.

New Jersey: Not hazardous.

INTERNATIONAL REGULATIONS:

The following countries have regulatory programs that prohibit or limit the importation, manufacture, or use of chemicals that are not listed or registered with the appropriate government agency. This product contains only ingredients that currently comply with the chemical substances control law of countries marked with a "YES". For entries marked with a "NO," the film contains one or more ingredients that do not comply with all chemical substance control laws in that country. For further information, contact your ExxonMobil Films representative.

YES Australia: Inventory of Chemical Substances

YES Canada: Domestic Substances List

YES Europe: European Inventory of Existing Commercial Chemical Substances or European List of Modified Chemical Substances

NO Japan: Ministry of International Trade and Industry List of Existing and New Chemical Substances.

YES Korea: Chemical Substances List

YES Philippines: Inventory of Controlled Chemical Substances

SECTION 16 OTHER

DISCLAIMER OF WARRANTY

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use are beyond our control. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user, and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by law, republication or transmission of this document, in whole or in part, is not permitted. ExxonMobil Chemical Company assumes no responsibility for accuracy of information unless the document is the most current available

from an official ExxonMobil Chemical Company distribution system. ExxonMobil Chemical Company neither represents nor warrants that the format, content or product formulas contained in this document comply with the laws of any other country except in the United States of America.

Copyright 2002 ExxonMobil Chemical Company. All rights reserved.
